

File
02228
STAT



May 13, 1969

U. S. Government

Attention: Ed D.

Subject: Control No. 02228 - Status Report
for Period Ending April 30, 1969

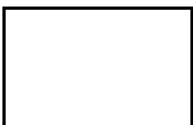
Gentlemen:

During this report period the following tasks have been performed.

1. Machining operations continued on the X and Y coordinate precision lead screw and nut assembly. These operations included the following:
 - a. Finish threading the third of four precision lead screw blanks.
 - b. The precision nut castings were profiled and are presently ready for finish threading.
 - c. Lapping nuts for the precision lead screws have been machined in preparation for the internal threading operation.
2. The design layout of the instrument console was completed. Detailed fabrication drawings generated from this layout have been checked and forwarded to the vendor chosen to manufacture the console.
3. The chair, castors, and leveling type vibration isolators selected for use with the instrument console have been ordered.
4. Drawings for the lamp elements have been forwarded to a vendor to be manufactured. Detailed drawings of the general field illuminator located beneath the comparator stages have been completed and checked for accuracy.
5. The shelf that will be attached to the electrical component rack to serve as a writing surface has been ordered.

STAT

NGA Review Complete



Control No. 02228
Status Report, contd.

- 2 -

May 13, 1969

6. The optical design of the High Power Stereo Comparator Head illumination system was completed. It is anticipated that the high silica halogen lamp selected as a source should provide in excess of 500 hours of trouble free operation before replacement becomes necessary. *lamp expensive replacement*
7. A design layout has been started to develop the mechanical configuration for various lens, filter, and diaphragm mounts required to house the illumination system for the stereo viewer within the instrument console. This layout will include the selection and mounting of all operator controls on appropriate panels near the forward edge of the instrument console.
8. The production department accomplished the following work during the April report period.
 - a. Completed finish machining operations on the rotary table, X and Y coordinate stage, overarm, and base castings for the twin stage comparator.
 - b. Started manufacturing components from detailed drawings previously submitted.

STAT The Contracting Officer verbally informed [redacted] of the [redacted] by telephone on April 25, 1969, that the request for an extension and partial payment on [redacted] had been approved. Further, contract amendments verifying approval of these requests would be issued by the Contracting Officer at his earliest convenience. STAT

It is estimated that approximately 35% of the work on the twin stage comparator has been completed as of this report period.

During the May report period the [redacted] plans to do the following work. STAT

1. Continue finish threading operations on the X and Y coordinate precision lead screws, precision nuts, and lapping nuts.
2. It is anticipated that the fabrication of the instrument console will be completed during the May report period. When this console is received from the vendor all tasks necessary to prepare it for painting will be performed. These tasks will include mounting holes for the castors and leveling type vibration isolators.

Control No. 02228
Status Report, contd.

- 3 -

May 13, 1969

3. Prepare and start painting the base casting for the twin stage comparator.
4. Cut gear teeth on the outside diameter of the rotary table. These teeth are utilized to obtain the fine motion setting capability necessary to accurately align the cut film stages.
5. Start rough scraping operation on the instrument base and X and Y coordinate stages.
6. Continue the design layout of illumination system for the stereo viewer to determine the location and mounting arrangement for individual components positioned within the console structure.
7. Continue manufacturing individual components for the twin stage comparator from detailed drawings previously submitted to the production department.
8. The Technical Representative is scheduled to visit the [] STAT
[] during the May report period to review progress on the twin
stage comparator contract.

A Status of Funds statement will be found on the following page.

Very truly yours,

[]

Asst. Manager, Engineering

HBB:pc

STAT

Approved For Release 2005/05/02 : CIA-RDP78B04770A001200010100-8

Approved For Release 2005/05/02 : CIA-RDP78B04770A001200010100-8